



HS Pro

Height and Slew limiter



Ideal for use in confined spaces, such as when working under bridges or below power lines for example, HS Pro offers multiple options for control, combining a traditional slew limiter with a height limiter in one integrated solution. Employing such a system will allow you to protect both your machine and assets whilst also allowing you to tender for work on major infrastructure projects.

The system comes with a high resolution, daylight-viewable screen/input device allowing multiple configurations of the envelope to be described, monitored and controlled. As with all our safety products, optional motion cuts on any hydraulic motion is possible allowing both monitoring and physical control of the machine's movement.

Standards features

- Real-time machine position monitored giving immediate warning of approach
- Audible and visual alarm at or near limits
- Full data logging of all actions including alarms and limit warnings
- Displays safe movement options when at or near limits
- Complex slew profiles (e.g. dual wall) possible
- Multiple duties possible for alternative boom and tool configurations

Benefits

- Easily upgraded to include load moment or guidance functions
- Fully compliant to relevant codes
- Options to monitor cab and depth as well as reach and slew
- Compatible with OEM design requirements for envelope monitoring





Options

- Complex slew profiles (e.g. dual wall) possible
- Hydraulic control on movement at limit
- Full cab protection including complex shapes and movements possible
- Control on depth, maximum and minimum radius plus complex cab protection available

Standards and Tests

- Complies with H&S requirements on the machinery directive EN2006/42/EC
- Designed to meet EN474; BS7262;EN10567; EN13000:2010; EN13844;EN12077; EN62061; EN60204:2006
- Complies with LOLER requirements for UK lifting EMC EN13309:2010; EN50121-3:2006
- System (exc. display) tested to IP69k
- Display tested to IP65
- Operating system independant to ensure SIL2 functionality
- Follows MISRA development guidelines
- Tested for vibration, temperature, impact and environmental protection to standards

Technical specification

- Display daylight viewable (650cd/m²)
- Input voltage 10-32V
- Typical power requirements as installed.
System off: 2mA; 10V
System on: 1A; 32V system: 500mA (power requirements may vary dependant on hardware configuration)
- Operating temperature range -20° C to 65° C
- CAN communications protocol
- Industry standard M12 connectors
- USB input for data logging and transfer

